BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.

ABSTRACT

Estimate cost:75.00 lakhs

Ward 7 byatarayanapura

BRUHAT BANGALORE MAHANAGARA PALIKE					
KODIGEHALLI SUB DIVISION- WARD 7 BYATARAYANAPURA					
Job code		007-20-000001			
P-code		P3727			
Agency		KRIDL			
First and Final Bill					
SI NO	Description	unit	Qty	RATE	AMOUNT
1	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. (Pg No.143.Item No.19.1)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		858.42		
	Present Qty		858.42		
	Previous Qty		0.00		
	Total Qty		858.42		
	BOQ Qty		860.42		
	Now To Be Paid Qty		**858.42**	**137.80**	**118290.67**
2	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller)(P-147., It No: 19.60)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		115.20		
	Present Qty		115.20		
	Previous Qty		0.00		
	Total Qty		115.20		
	BOQ Qty		115.20		
	Now To Be Paid Qty		**115.20**	**344.50**	**39686.40**
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)				
	Name of work	cum			

AE(Nor)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		232.01		
	Present Qty		232.01		
	Previous Qty		0.00		
	Total Qty		232.01		
	BOQ Qty		232.01		
	Now To Be Paid Qty		**232.01**	**5408.12**	**1254737.92**
4	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 (Page NO. 14, Item NO. 4.11)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		190.35		
	Present Qty		190.35		
	Previous Qty		0.00		
	Total Qty		190.35		
	BOQ Qty		190.54		
	Now To Be Paid Qty		**190.35**	**5998.54**	**1141822.09**
5	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.18, Item No.4.46.2)				
	Name of work	tonne			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		10.47		
	Present Qty		10.47		
	Previous Qty		0.00		
	Total Qty		10.47		

AE(W)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

	BOQ Qty		10.48		787594.86
	Now To Be Paid Qty		**10.47**	**75223.96**	**787812.63**
6	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)				
	Name of work	sqm			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		1379.40		
	Present Qty		1379.40		
	Previous Qty		0.00		
	Total Qty		1379.40		
	BOQ Qty		1379.40		
	Now To Be Paid Qty		**1379.40**	**483.36**	**666746.78**

AE(1st)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

7	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrette laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specfications (Data Rate Approved)				
	Name of work	sqm			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		732.24		
	Present Qty		732.24		
	Previous Qty		0.00		
	Total Qty		732.24		
	BOQ Qty		732.42		
	Now To Be Paid Qty		**732.24**	**2337.00**	**1711244.88**
8	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x150x500 mm and finished with CM 1:3 plastering and finishing cutting etc., complete.Pg No. 27, Item No.5.29.1				
	Name of work	nos			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		43.00		
	Present Qty		43.00		
	Previous Qty		0.00		
	Total Qty		43.00		
	BOQ Qty		43.00		
	Now To Be Paid Qty		**43.00**	**467.46**	**20100.78**
9	KSRB 5-9.1:Providing and applying ready mix priming coat over ocncrete / masonry, / asbestos cement sheet / plastered surfaces includding preparing the surface after thorougly cleaning of oil, grease, dirt and other foreign matter and sand papering including cost of materials, labour compelte as per specifications. Page No. 124 / Item No. 15.80				
	Name of work	sqm			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		19.35		
	Present Qty		19.35		
	Previous Qty		0.00		
	Total Qty		19.35		
	BOQ Qty		19.35		
	Now To Be Paid Qty		**19.35**	**39.22**	**758.91**

AE(Civil) Asst. M.D

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

8 10	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavements using grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum, coarse and fine aggregate confirming to IS:383-2016, with superplastisiser @3lts confirming to IS9103-2008 mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades textured machine, and curing including cost of all materials, labour, hire charges of machineries, all lead and lift charges etc.., complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) (Pg.No.176, It.22.6.1)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		76.80		
	Present Qty		76.80		
	Previous Qty		0.00		
	Total Qty		76.80		
	BOQ Qty		76.80		
	Now To Be Paid Qty		**76.80**	**5210.96**	**400201.73**
9 11	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift.(Pg.No.176, It.22.7)				
	Name of work	sqm			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		768.00		
	Present Qty		768.00		
	Previous Qty		0.00		
	Total Qty		768.00		
	BOQ Qty		768.00		
	Now To Be Paid Qty		**768.00**	**72.08**	**55357.44**

AE(W)

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

10	KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 1000,2300 Page No. 255, Item No. 34.7.8, PWD SR 2018-19				
	Name of work	M			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		12.00		
	Present Qty		12.00		
	Previous Qty		0.00		
	Total Qty		12.00		
	BOQ Qty		12.00		
	Now To Be Paid Qty		**12.00**	**5976.28**	**71715.36**
11	Providing 100mm and down size nominal size. (Pg No.I.Item No.23)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		1.35		
	Present Qty		1.35		
	Previous Qty		0.00		
	Total Qty		1.35		
	BOQ Qty		1.35		1333.29
	Now To Be Paid Qty		**1.35**	**987.62**	**1330.68**
12	Providing 40mm and down size nominal size (Pg No.II.Item No.25)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.	0.44	0.45		
	Present Qty	0.44	0.45		
	Previous Qty		0.00		
	Total Qty	0.44	0.45		
	BOQ Qty		0.45		480.23
	Now To Be Paid Qty	0.44	**0.45**	**1091.43**	**493.50**
13	Providing 20mm and down size nominal size (Pg No.II.Item No.28)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.	0.44	0.45		
	Present Qty	0.44	0.45		
	Previous Qty		0.00		
	Total Qty	0.44	0.45		
	BOQ Qty		0.45		
	Now To Be Paid Qty	0.44	**0.45**	**1091.43**	**493.50**

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14	Providing Fine aggrgate 2.36mm nominal size (Pg No.II.Item No.32)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.	0.32	0.34		
	Present Qty	0.32	0.34		
	Previous Qty		0.00		
	Total Qty	0.32	0.34		
	BOQ Qty		0.34		337.38
	Now To Be Paid Qty	0.32	0.34	1054.29	357.53
15	Providing and fixing MS Grating 260x260 mm(Page No.1X, Sl No.234, code No.0771)				
	Name of work	nos			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		8.00		
	Present Qty		8.00		
	Previous Qty		0.00		
	Total Qty		8.00		
	BOQ Qty		8.00		
	Now To Be Paid Qty		**8.00**	**89.84**	**718.72**
16	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 136, item No. 17.1)				
	Name of work	cum			
	Improvements to drains of kariyanna layout main road in ward no.07 Byataranapura.		858.42		
	Present Qty		858.42		
	Previous Qty		0.00		
	Total Qty		858.42		
	BOQ Qty		860.42		
	Now To Be Paid Qty		**858.42**	**94.34**	**80983.61**
			TOTAL		**6352853.14**

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Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.